

## INTERNATIONAL SEARCH REPORT

Internal Application No

PCT/IB 03/00895

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L51/20 B29C33/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L 602B B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X  A	MADIGAN C F ET AL: "IMPROVEMENT OF OUTPUT COUPLING EFFICIENCY OF ORGANIC LIGHT-EMITTINGBY BACKSIDE SUBSTRATE MODIFICATION" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS, NEW YORK, US, vol. 76, no. 13, 27 March 2000 (2000-03-27), pages 1650-1652, XP000950541 ISSN: 0003-6951  page 1651, column 1, last paragraph -page 1652, column 2, last paragraph  -/--	1-3, 9, 11, 13, 16, 18, 20, 22, 27, 29      6-8, 14, 17, 19, 31

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

16 July 2003

Date of mailing of the international search report

24/07/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

De Laere, A

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 13, 30 November 1998 (1998-11-30) -& JP 10 223367 A (MITSUBISHI CHEM CORP), 21 August 1998 (1998-08-21) abstract	1-3,8,9, 11,13, 16,20, 22,27,31
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07, 31 July 1997 (1997-07-31) -& JP 09 076245 A (NIPPON COLUMBIA CO LTD), 25 March 1997 (1997-03-25)	34,38
A	abstract	35-37
X	PAN L-W ET AL: "Cylindrical plastic lens array fabricated by a micro intrusion process" MICRO ELECTRO MECHANICAL SYSTEMS, 1999. MEMS '99. TWELFTH IEEE INTERNATIONAL CONFERENCE ON ORLANDO, FL, USA 17-21 JAN. 1999, PISCATAWAY, NJ, USA, IEEE, US, 17 January 1999 (1999-01-17), pages 217-221, XP010321678 ISBN: 0-7803-5194-0	34,36,38
A	the whole document	22-25,27
X	EP 0 509 630 A (DOLGOFF EUGENE) 21 October 1992 (1992-10-21)	34,37,38
A	column 32, line 26-51	22-25, 27,35,36
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 06, 22 September 2000 (2000-09-22) & JP 2000 077188 A (CANON INC), 14 March 2000 (2000-03-14) abstract -& US 2002/135664 A1 (SEIJI MASHIMO ET AL) 26 September 2002 (2002-09-26) page 7, paragraph 52 -page 8, paragraph 61; figures 3,4,9,10 page 10, paragraph 115 -page 11, line 122	1-3,8,9, 11,12, 16-22,30
A	US 2001/033135 A1 (LEVINSON LIONEL MONTY ET AL) 25 October 2001 (2001-10-25)  page 2, paragraph 31 -page 4, paragraph 49 page 8, paragraph 88  -/--	1-3,11, 13, 15-20, 22,29-32

## INTERNATIONAL SEARCH REPORT

Interns Application No  
PCT/IB 03/00895

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 09, 13 October 2000 (2000-10-13) -& JP 2000 155201 A (OMRON CORP), 6 June 2000 (2000-06-06) abstract ---	10,28
P,X	US 2002/141006 A1 (HOFER GLORIA E ET AL) 3 October 2002 (2002-10-03)  page 6, column 1, line 42-44 page 4, paragraph 51 -page 5, paragraph 55 page 4, paragraph 48 page 2, paragraphs 11-13 -----	1,2,6,9, 11,21, 22,24

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03/00895

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 10223367	A	21-08-1998	NONE	
JP 09076245	A	25-03-1997	NONE	
EP 0509630	A	21-10-1992	US 5300942 A	05-04-1994
			AU 663080 B2	28-09-1995
			AU 1428592 A	15-09-1992
			BR 9205678 A	07-06-1994
			EP 0509630 A2	21-10-1992
			JP 7072443 A	17-03-1995
			WO 9215082 A1	03-09-1992
			US 2003076423 A1	24-04-2003
			US 6392689 B1	21-05-2002
			US 5602679 A	11-02-1997
			US 5900982 A	04-05-1999
JP 2000077188	A	14-03-2000	US 2002135664 A1	26-09-2002
US 2001033135	A1	25-10-2001	EP 1120838 A2	01-08-2001
			EP 1121000 A2	01-08-2001
			JP 2001223078 A	17-08-2001
			JP 2001257081 A	21-09-2001
			TW 480899 B	21-03-2002
			US 2002190661 A1	19-12-2002
			US 6515417 B1	04-02-2003
JP 2000155201	A	06-06-2000	NONE	
US 2002141006	A1	03-10-2002	DE 10213611 A1	10-10-2002
			JP 2003017740 A	17-01-2003